



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of  
Invention

LONGEST BEST MATCH SEARCH

Application Number: 09/832708  
Confirmation Number: 2378  
First Named Applicant: Van Hunter  
Attorney Docket Number: 082771.P226C  
Art Unit: 2175  
Examiner: Diane D. Mizrahi  
Search string: ( 6067574 or 6061712 or 6061368 or 6014659  
or 5946679 or 5920699 or 5835720 or 5781772  
or 5446881 or 5420862 ).pn.

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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<i>Dr</i>	1	6067574	2000-05-23	Tzeng		709	247
<i>Dr</i>	2	6061712	2000-05-09	Tzeng		709	202
<i>Dr</i>	3	6061368	2000-05-09	Hitzelberger		370	537
<i>Dr</i>	4	6014659	2000-01-11	Wilkinson, III et al.		707	3
<i>Dr</i>	5	5946679	1999-08-31	Ahuja et al.		707	3
<i>Dr</i>	6	5920699	1999-07-06	Bare		709	225
<i>Dr</i>	7	5835720	1998-11-10	Nelson et al.		709	224
<i>Dr</i>	8	5781772	1998-07-14	Wilkinson, III et al.		707	3
<i>Dr</i>	9	5446881	1995-08-29	Mammel, Jr.		707	1
<i>Dr</i>	10	5420862	1995-05-30	Perlman		370	401

### Remarks

Note: Remarks are not for responding to an office action.

Applicants, in accordance with their duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submit this Electronic Information Disclosure Statement citing U.S. Patent Documents for consideration by the Examiner.

Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. This Electronic Information Disclosure Statement is being filed prior to a substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Electronic Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account 02-2666. Applicants respectfully request that the cited documents be considered and that the form be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicants' attorney of record.

**Signature**

<b>Examiner Name</b>	<b>Date</b>
DIANE D. MIZRAHI PRIMARY PATENT EXAMINER TECHNOLOGY CENTER 2100	4/12/04

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(use as many sheets as necessary)**

## Sheet

1

of

2

**Complete if Known**

Application Number

09/832,708
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Filing Date

April 10, 2001

First Named Inventor

Van A. Hunter

Art Unit

2175

Examiner Name

mirzali

Attorney Docket Number

82771P226C

## U.S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner  
Signature

DIANE D. MIZRAHI  
PRIMARY PATENT EXAMINER  
TECHNOLOGY CENTER 210

Date	Considered
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4/12/04

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

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Institute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			<b>Complete if Known</b>	
			Application Number	09/832,708
Sheet 2 of 2			Filing Date	April 10, 2001
			First Named Inventor	Van A. Hunter
			Art Unit	2125
			Examiner Name	Mizvelu
			Attorney Docket Number	82771P226C

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Dm	B	Y. REKHTER, ET AL., "Cisco Systems Tag Switching Architecture Overview", RFC2105, February 1997, pp. 1-12.	
	C	V. SRINIVASAN, ET AL., "Faster IP Lookups Using Controlled Prefix Expansion", Proceeding of ACM Sigmetrics, September 1998, pp. 1-10.	
	D	M. WALDVOGEL, ET AL., "Scalable High Speed IP Routing Lookups", Computer Communications Review, ACM Sigcomm, Vol. 27, No. 4, October 1997, pp. 25-36.	
	E	M. DEGERMARK, ET AL., "Small Forwarding Tables for Fast Routing Lookups", Computer Communication Review, ACM Sigcomm, Vol. 27, No. 4, October 1997, pp.	
	F	W. DOERINGER, ET AL., "Routing On Longest-Matching Prefixes", IEEE/ACM Transactions on Networking, Vol. 4, No.1, February 1996, pp. 86-97.	
	G	P. GUPTA, ET AL., "Routing lookups In Hardware At Memory Access Speeds", submitted to IEEE Infocom '98, pp. 1240-1247.	
	H	A.J. MCAULEY, ET AL., "Fast Routing Table Lookup Using CAMs", IEEE Infocom Vol. 3, 1993, pp. 1382-1391.	
	I	P. NEWMAN, ET AL., "Flow Labelled IP: A Connectionless Approach to ATM", IEEE Infocom Vol. 3, 1996, pp. 1251-1260.	
	J	C. PARTRIDGE, ET AL., "Big Fast Routers: Multi-Megapacket Forwarding Engines Fro Internet II", Networld/Interop '97, 17 pages.	

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Examiner Signature	DIANE D. MIZVELU PRIMARY PATENT EXAMINER TECHNOLOGY CENTER 2100	Date Considered	4/12/04
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